

CLAIMS:

5 1. A camera mounting for a TV/video camera,
 comprising a base, a counter-balanced arm assembly
 (10) pivotally mounted on the base (11) at one end
 thereof to swivel about a vertical axis (A-B) and
 having a platform (21) for carrying a camera at the
10 other end thereof, the arm assembly having relatively
 movable components (16 to 20; 52 to 54) to permit,
 with said swivelling of the assembly about said
 vertical axis, movement of the platform in three
 orthogonal axes; characterised in that the base (11)
15 of the mounting has a datum point, the mounting has
 three separate transducer means for determining swivel
 movement of the arm about said vertical axis (A-B) and
 relative movement between said arm components in a
 plane containing said vertical axis, and monitoring
20 means are provided for determining, from the movements
 detected by said transducers, the position of the
 camera platform with respect to the datum point in
 said three axes to provide information regarding the
 location of the camera for purposes such as
25 controlling movement of a virtual reality image to be
 combined with a real image as seen by the camera as
 the camera is moved with respect to the datum.

 2. A camera mounting as claimed in claim 1,
30 wherein the arm assembly (10) is mounted on the base
 (11) for rotation about a vertical axis (A-B) through
 the datum point, the arm assembly providing movement
 of the camera platform in two orthogonal axes in any
 plane containing said vertical axis, and said
35 transducer means comprising first transducer means for
 determining rotation of the arm about said vertical
 axis and further transducer means for determining
 movement of the camera platform in said plane with

respect to the datum point.

5 3. A camera mounting as claimed in claim 2,
 wherein the arm assembly (10) is telescopic and is
 mounted on the base (10,12) to pivot (14) in a
 vertical plane about a horizontal axis (C).

10 4. A camera mounting as claimed in claim 2,
 wherein the arm assembly (10) comprises a first arm
 (52) pivotally mounted on the base (11) about a
 horizontal axis and a second arm (53) pivotally
15 mounted on the first arm about a parallel horizontal
 axis for supporting the camera platform (55).

20 ~~claim 2~~ 5. A camera mounting as claimed in any of
 ~~claims 2 to 4~~, wherein the arm assembly (10) has a
 control point (34, P) connected to the arm assembly so
 that movement of the control point with respect to the
 datum point in the vertical plane containing the arm
 and said vertical axis is directly proportional to the
 movement of the camera platform, and said further
 transducer means is arranged to monitor movement of
25 the control point with respect to the datum point.

30 6. A camera mounting as claimed in claim 5,
 wherein the transducer means for monitoring movement
 of the control point (34, P) comprise separate
 transducers for responding to movement of the control
 point with respect to the datum point in vertical and
 horizontal directions.

35 7. A camera mounting as claimed in claim 3,
 wherein the further transducer means are arranged to
 monitor extension of the arm and pivotal movement of
 the arm about said horizontal axis to monitor the
 position of the camera platform in a vertical plane

with respect to said datum.

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8. A camera mounting as claimed in claim 4,
wherein said further transducer means are arranged to
monitor pivotal movement of the first arm about said
horizontal axis with respect to the base and pivotal
10 movement of the second arm with respect to the first
arm to monitor the position of the camera platform
with respect to said datum.

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